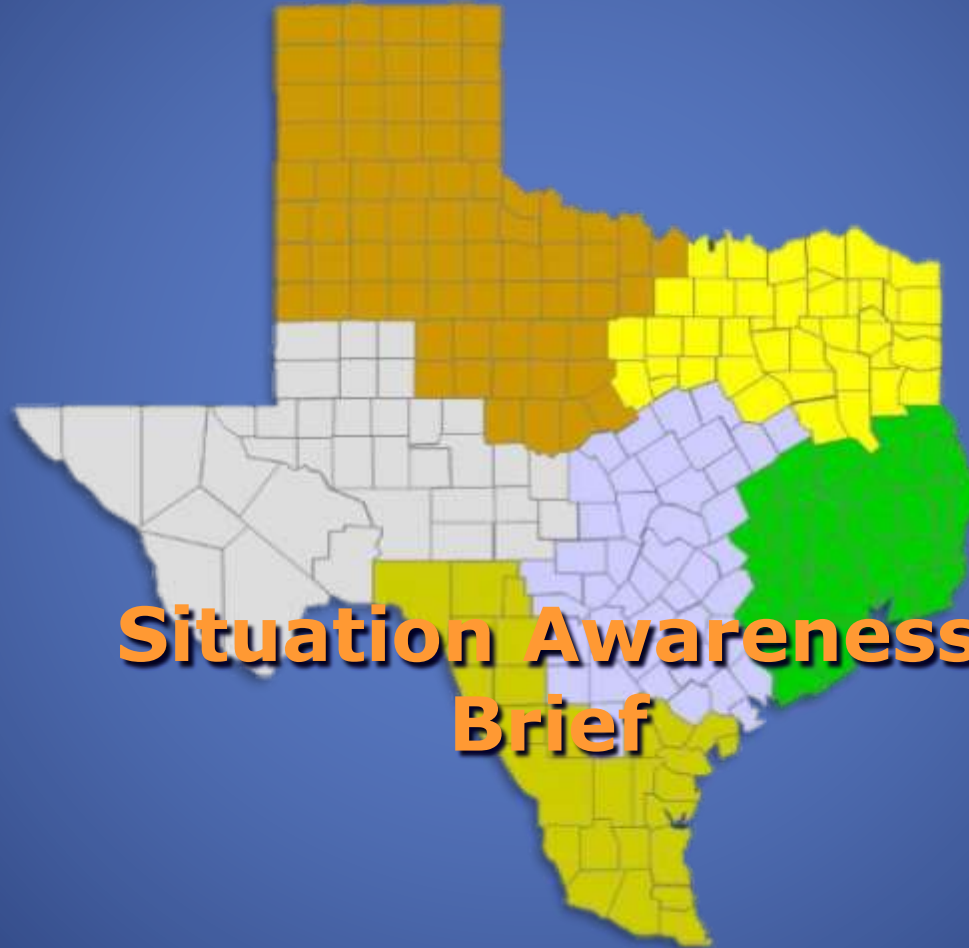


Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



**Thursday, May 20th, 2021
As of 0900 CST**

Tropical Weather Awareness



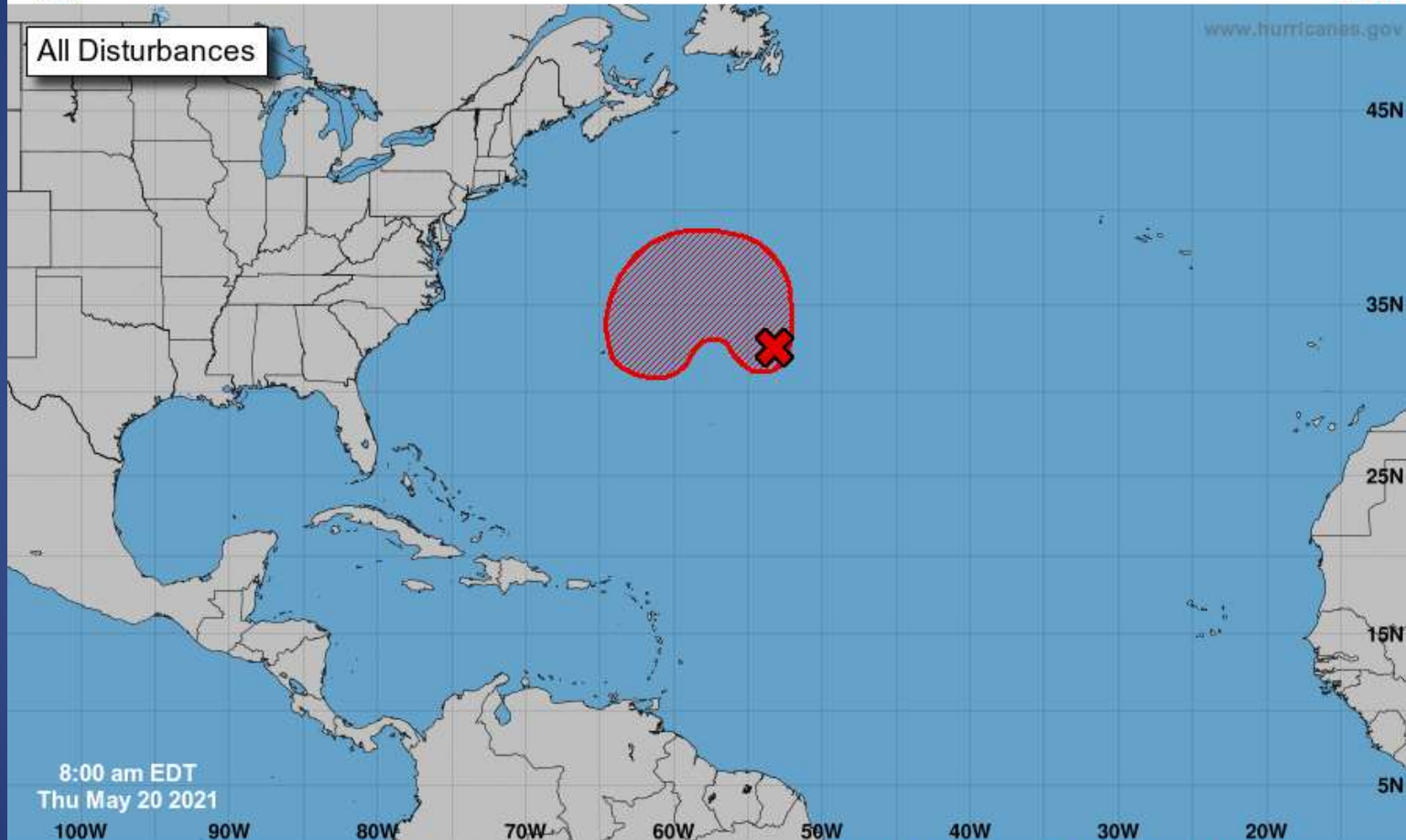
Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



All Disturbances

www.hurricanes.gov



8:00 am EDT
Thu May 20 2021

Current Disturbances and Five-Day Cyclone Formation Chance:

✕ < 40%

✕ 40-60%

✕ > 60%

Tropical or Sub-Tropical Cyclone:

○ Depression

⊗ Storm

⊗ Hurricane

⊗ Post-Tropical Cyclone or Remnants

Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
05/19/21	ELT Mission 21M0216 has been opened	Hood County	N
05/19/21	ELT Mission 21M0216 has been closed	Hood County	Y

Informational Products Distributed by the State Operations Center

DATE	SUBJECT
05/19/21	NWS Lake Charles Weather Update: 8:30 AM Wednesday
05/19/21	NWS Houston/Galveston: Flood Threat Update
05/19/21	20-0003 COVID-19 2020 SITREP 426
05/19/21	NWS West Gulf River Forecast Center - Heavy Rainfall Threat Refined to Focus on the Coast
05/19/21	NWS Lake Charles Weather Update: 8:30 AM Wednesday
05/19/21	NWS Houston/Galveston: Flood Threat Update

Informational Products

Distributed by the State Operations Center

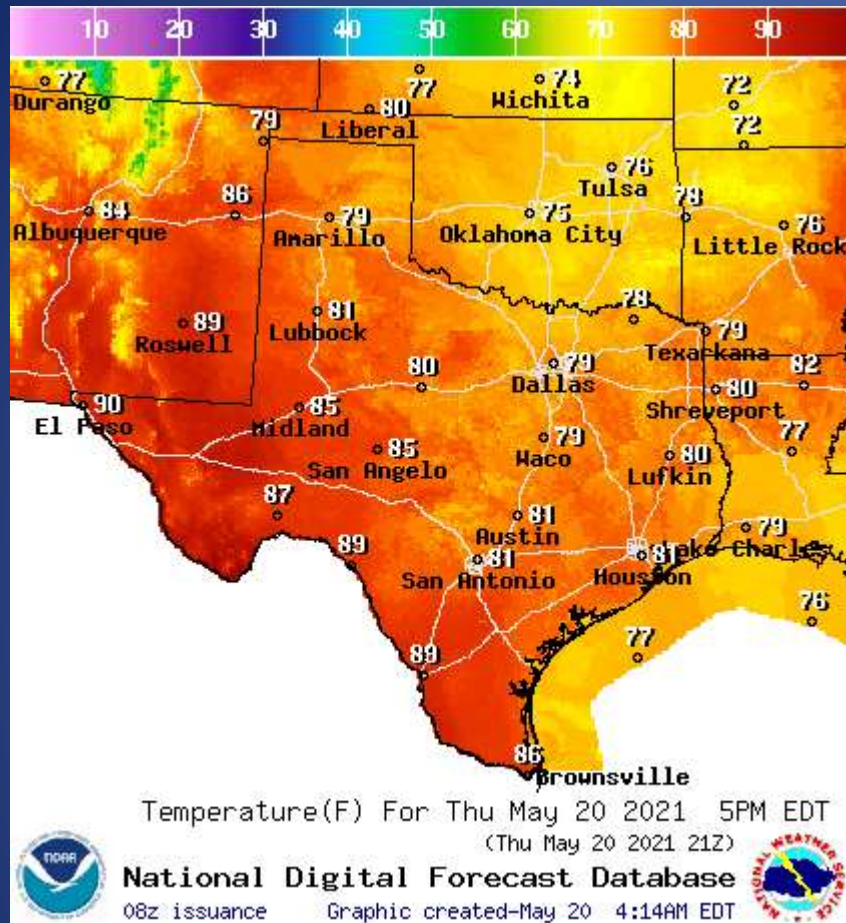
DATE	SUBJECT
05/19/21	NWS West Gulf River Forecast Center - Heavy Rainfall Threat Refined to Focus on the Coast
05/19/21	NWS Houston/Galveston: Flood Threat Update
05/19/21	NWS Lake Charles LA: Weather Update: 3:30 pm Wednesday
05/19/21	NWS Lake Charles: Tropical Update Wednesday
05/19/21	NWS Brownsville: Weather Update: Large Squall/Thunderstorm System Winding Down; Quieter Weather On the Way Thursday and Friday
05/19/21	NWS Austin/San Antonio: Situation Report Update: Flash Flooding Threat Continues for parts of the area through Thursday
05/20/21	NWS San Angelo: Public Information Statement - Update 1 - NWS Damage Survey for the 05/16/21 Stamford Tornado
05/20/21	NWS San Angelo: Public Information Statement - Update 2 - NWS Damage Survey for the 05/16/21 Stamford Tornado
05/20/21	NWS Fort Worth: Public Information Statement - 96 Hour Rainfall Reports
05/20/21	NWS Austin/San Antonio: Public Information Statement - Highest 48 Hour Precipitation Reports
05/20/21	NWS Brownsville: Public Information Statement - Highest Wind Reports

Informational Products

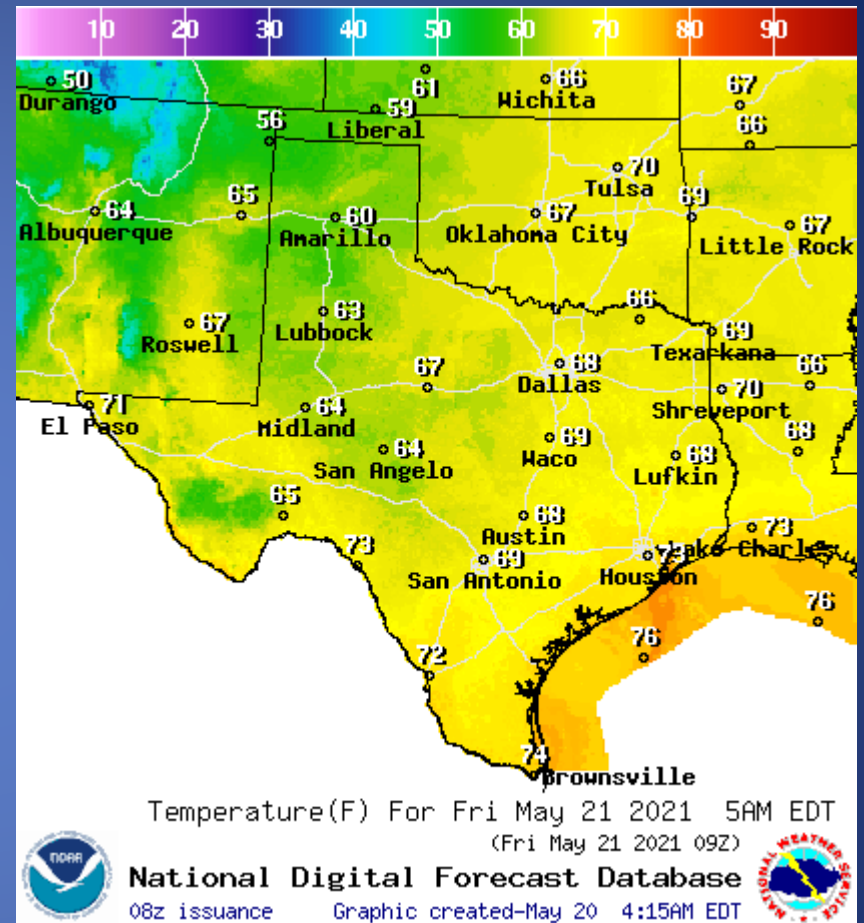
Distributed by the State Operations Center

DATE	SUBJECT
05/20/21	NWS Brownsville: Public Information Statement - Precipitation Reports
05/20/21	NWS Corpus Christi: Public Information Statement - Preliminary Precipitation Reports Last 12 Hours
05/20/21	NWS Corpus Christi: Public Information Statement - Highest Wind Reports
05/20/21	NWS Corpus Christi: Public Information Statement - Precipitation Reports
05/20/21	NWS Austin/San Antonio: Situation Report Update: Flash Flood Watch Cancelled; More Rain/Storms Friday-Monday
05/20/21	NWS Shreveport LA: Flash Flood Watch Has Been Extended Today
05/20/21	Daily NWS Threat Brief for Thursday, May 20, 2021 for FEMA Region 6

Weather Forecast

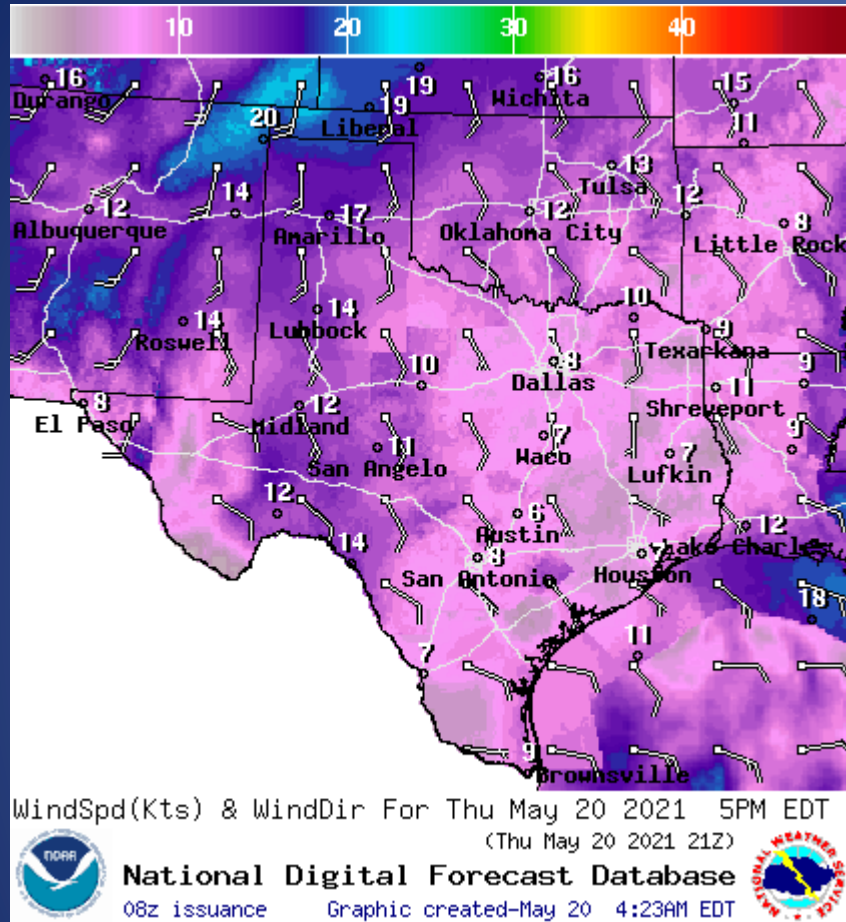


Highs

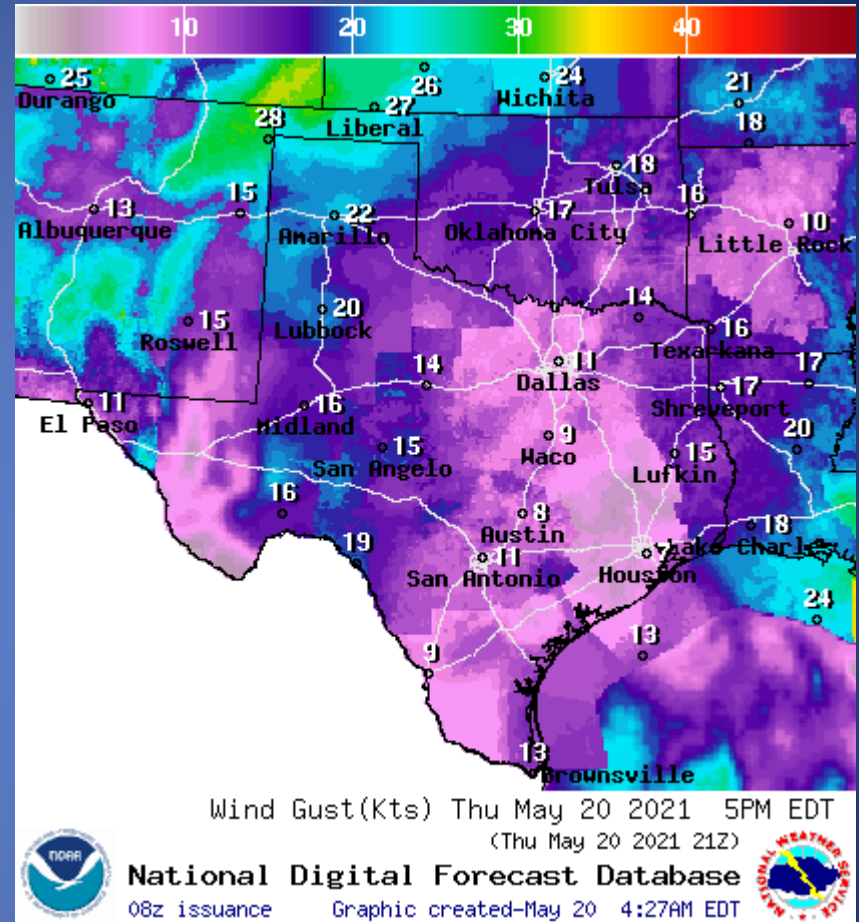


Lows

Weather Forecast

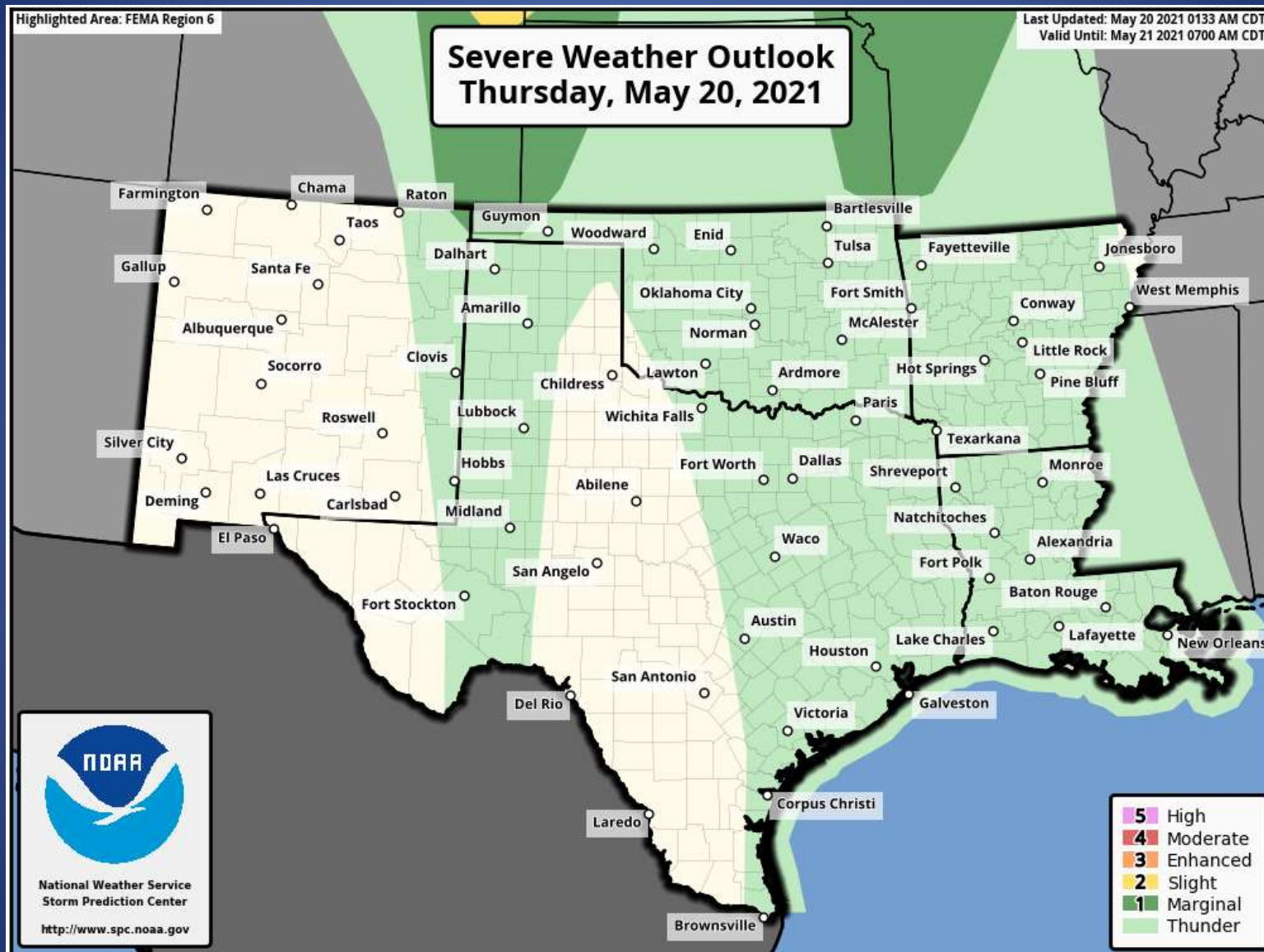


Wind Speeds



Gusts

Hazardous Weather



Hazardous Weather

Flash Flood Watch in Effect

Valid through 7:00 PM CDT Thursday

Weather Forecast Office
Shreveport, LA
Issued May 20, 2021 4:09 AM CDT



Additional rainfall of 1 to 2 inches today with isolated higher amounts will be possible across the Flash Flood Watch area through this evening.

A Flash Flood Watch means that conditions may develop that lead to Flash Flooding. Flash Flooding is a very dangerous situation. You should monitor later forecasts and be prepared to take action should a Flash Flood warning be issued.



The Flash Flood Watch has been extended through 7:00 PM CDT today. Additional showers and thunderstorms are expected to develop today, bringing additional rainfall amounts of 1 to 2 inches with locally higher amounts.



Marginal to Slight Risk of Excessive Rain Today



Day 1 Excessive Rainfall Outlook
Valid 12Z Thu May 20 2021
Thru 12Z Fri May 21 2021
Issued: 0936Z Thu May 20 2021
Forecaster: OTTO
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point.
HIGH: > 50% SLGT: 10%-20%
MOD: 20%-50% MRGL: 5%-10%

- Additional rain totals expected today, particularly over areas east of I-45.
- A Flash Flood Watch is in effect for Chambers, Liberty, and Polk County. Due to saturated soils from rainfall during the last few days, any additional heavy rain could increase the risk of flash flooding for these areas.
- Coastal Flood Advisory along with a Risk of Strong Rip Currents in effect for today.

Excessive Rainfall Outlook



NATIONAL WEATHER SERVICE Houston/Galveston
ISSUES AND APPROVED IMPROVEMENTS

Flash Flood Watch update. Threatened area is shrinking.

Hazardous Weather

Strong Rip Currents Today

Weather Forecast Office
Houston/Galveston, TX



RIP CURRENTS

KNOW YOUR OPTIONS

IF CAUGHT IN A RIP CURRENT

- Relax, rip currents don't pull you under.
- Don't swim against the current.
- Swim out of the current, then to shore.
- If you can't escape, float or tread water.
- If you need help, yell or wave for assistance.



Rip currents are powerful currents of water moving away from shore. They can sweep even the strongest swimmer away from shore. If at all possible, swim near a lifeguard.

RED FLAG

There is a **HIGH RISK** of Strong Rip Currents along the Gulf facing beaches today.

If at all possible, remember to swim near a lifeguard.

If caught in a current, swim **PARALLEL** to the shore. Do not swim against a current!

@NWSHouston

weather.gov/Houston

There is a High Risk of Strong Rip Currents for the Gulf facing beaches today.

Flash Flood Watch

A Flash Flood Watch is in effect until Thursday at 7:00 PM CDT.

Weather Forecast Office
Lake Charles, LA
Issued May 19, 2021 5:31 AM CDT




A Flash Flood Watch is in effect for the area until Thursday at 7:00 PM CDT.

Hazardous Weather

South Texas Beachcast
Weather Forecast Office
Corpus Christi, TX
Issued May 20, 2021 4:49 AM CDT

RIP CURRENTS
Break the Grip of the Rip!



Dangerous swimming conditions possible, especially near piers & jetties

If Caught in a Rip Current

- Don't fight the current
- Swim out of the current, then to shore

WAVE: YELL, SWIM PARALLEL!
www.ripcurrents.noaa.gov

Today

Highs: Upper 70s
Winds: NE 5-10 MPH > SE 10 MPH
UV Index: **Very High**
Water Temps: Upper 70s
Wave Heights: 4 feet
Rip Current Risk: **MODERATE**

High Tides:


- Port Aransas: 12:11 PM
- Bob Hall Pier: 11:56 AM

NWS Corpus weather.gov/crp

It will be mostly cloudy and mild at area beaches today. There is a MODERATE risk of rip currents today into tonight. Dangerous swimming conditions are possible, especially near jetties and piers.

Hazardous Beach Conditions
Weather Forecast Office
Corpus Christi, TX
Issued May 20, 2021 4:42 AM CDT

Beach Roads May Flood | Water May Reach the Dunes
Victoria



Coastal Flood Advisory
In effect for through 6 PM This Afternoon

- Minor flooding along beaches south of Port Aransas
- 1 foot of beach inundation

Moderate Risk of Rip Currents
In effect Today through Tonight


- Dangerous swimming conditions possible, especially near piers & jetties

NWS Corpus weather.gov/crp

A Coastal Flood Advisory is in effect until 6 PM this evening. There is a MODERATE risk of rip currents today and tonight. Be especially cautious if heading into the water. Dangerous swimming conditions are possible, especially near piers and jetties. Minor coastal flooding with water up to the dunes today. Some beach access roads may be impassible.

Hazardous Weather

Hazardous Swimming Conditions
Weather Forecast Office
Brownsville/RGV, TX
High Risk of Rip Currents Today
Issued May 20, 2021 5:59 AM CDT



Rip Current Statement

What:
Life-threatening rip currents are expected to continue and will lead to dangerous swimming conditions.

When:
7 AM CDT to 7 PM CDT today

Where:
Coastal portions of Cameron, Willacy, and Kenedy counties

Actions:

- Swim near a lifeguard
- Stay in water knee deep or less


If caught in a rip current:

- Yell for help.
- Do not exhaust yourself and stay afloat while waiting for help.
- If possible, swim parallel to shore and back towards the beach.

Hazards
Rip Current Statement
weather.gov/rgv

Rough seas today will support a High Risk of rip currents at the beaches of South Padre Island and at Boca Chica Beach.

High Risk of Rip Currents
Weather Forecast Office
Brownsville/RGV, TX
Elevated Seas Increase Rip Current Risk | Partly Cloudy & Cooler
Issued May 20, 2021 5:00 AM CDT




RIP CURRENTS
¡ESCAPÉSE DE LA CORRIENTE!

www.ripcurrents.noaa.gov
www.usda.org

IF CAUGHT IN A RIP CURRENT
SI LO ATRAPA LA CORRIENTE PELIGROSA

- Don't fight the current
No luches contra la corriente
- Swim even with the shore, until current weakens, then swim to shore
Nada al lado de la orilla hasta que la corriente se debilita
- If you can't escape, float or tread water
Si no logras escapar, flota o nada en el agua
- If you need help, call or wave for assistance
Si necesitas ayuda, grita o agita los brazos

Never swim alone - Nunca nada solo.



Wave Heights: 5 - 6 ft
Surf Temp: 74°F
Air Temp: Lower 80s
UV Index: Very High
Winds: E 10 mph
Tides: High at 12:45 PM

weather.gov/rgv

High rip current risk today due to the elevated seas along the coast. Partly cloudy conditions expected today with cooler surf temperatures in the lower 70's and air temperatures in the lower 80's.

Weather Warnings/Advisories Issued

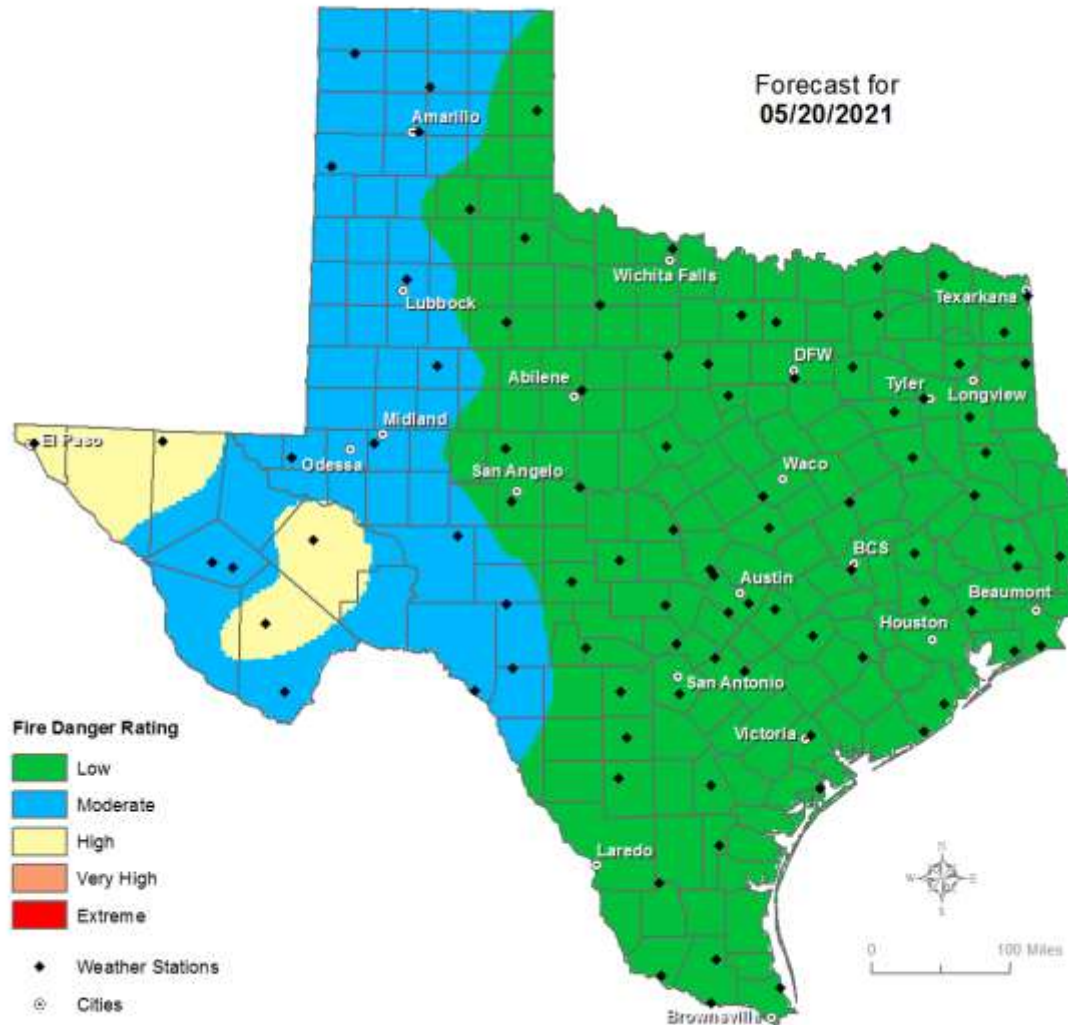
DATE	WARNING TYPE	LOCATION
05/19/21	Flash Flood Warning	Aransas, Calhoun, Cameron, Concho, Goliad, Hidalgo, Jefferson, Kleberg, Nueces, Orange, Refugio, San Patricio, Tom Green, Victoria and Willacy Counties
05/19/21	Flood Advisory	Aransas, Borden, Calhoun, Cameron, Coleman, Concho, Edwards, Floyd, Goliad, Hale, Hidalgo, Hockley, Jackson, Jim Wells, Kenedy, Kleberg, Matagorda, McCulloch, Menard, Refugio, Runnels, Tom Green, Victoria, Webb and Willacy Counties
05/19/21	Tornado Warning	Brooks, Kenedy and Willacy Counties
05/19/21	Severe Thunderstorm Warning	Andrews, Brooks, Cameron, Crane, Ector, Hidalgo, Kenedy, Martin, Midland, Pecos, Reagan, Terrell, Upton and Willacy Counties
05/19/21	Flood Warning	Nueces River Near Bluntzer affecting Jim Wells, Nueces, and San Patricio Counties; Nueces River at Calallen affecting Nueces and San Patricio Counties; Copano Creek Near Refugio affecting Aransas and Refugio Counties; Navidad River at Morales Affecting Jackson and Lavaca Counties; Leon River Near De Leon affecting Comanche County; Little Cypress Creek near Becker Road in Harris County

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/19/21	Flood Warning	Aransas, Bee, Calhoun, Cameron, Goliad, Hidalgo, Irion, Jackson, Jim Wells, Live Oak, Matagorda, Montgomery, Nueces, Refugio, San Patricio, Victoria and Waller Counties
05/19/21	Small Stream Flood Advisory	Edwards and Val Verde Counties
05/19/21	Coastal Flood Advisory	Calhoun, Cameron, Kenedy, Kleberg, Nueces and Willacy Counties
05/19/21	Urban and Small Stream Flood Advisory	Crockett, Irion, Schleicher and Tom Green Counties
05/19/21	Flash Flood Watch	Bell, Bosque, Collin, Cooke, Coryell, Dallas, Denton, Ellis, Falls, Fannin, Freestone, Grayson, Hill, Hood, Hunt, Johnson, Kaufman, Lampasas, Limestone, McLennan, Navarro, Parker, Rockwall, Somervell and Tarrant Counties
05/20/21	Flash Flood Watch	Angelina, Bowie, Camp, Cass, Cherokee, Franklin, Gregg, Harrison, Marion, Morris, Nacogdoches, Panola, Red River, Rusk, Sabine, San Augustine, Shelby, Smith, Titus, Upshur and Wood Counties
05/20/21	Coastal Flood Advisory	Jefferson and Orange Counties

Fire Danger Forecast

Forecast Fire Danger



Burn Ban

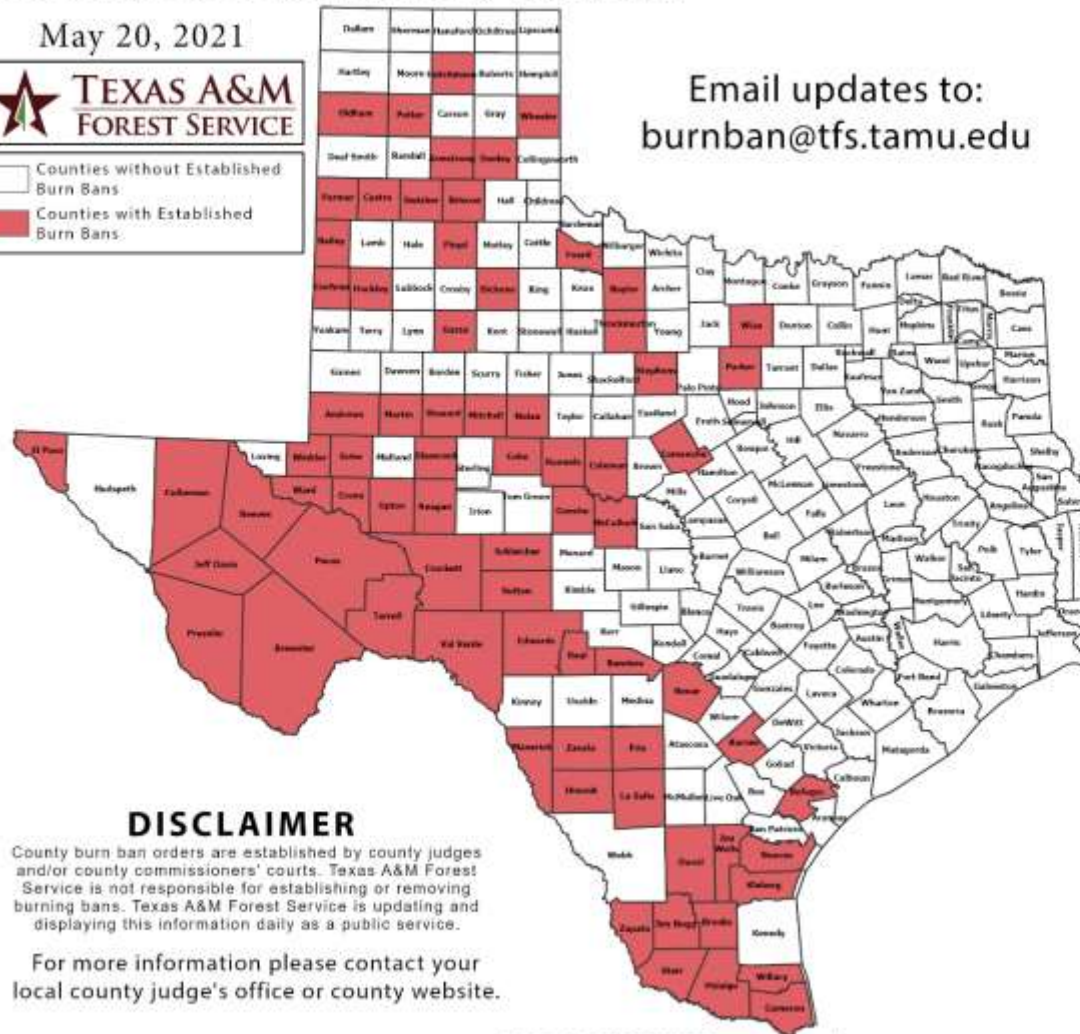
OUTDOOR BURN BANS

May 20, 2021



Counties without Established Burn Bans
 Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu



Counties with Burn Bans: 74

Andrews	Jim Wells
Armstrong	Karnes
Bailey	Kleberg
Bandera	La Salle
Baylor	McCulloch
Bexar	Martin
Brewster	Maverick
Briscoe	Mitchell
Brooks	Nolan
Cameron	Nueces
Castro	Oldham
Cochran	Parker
Coke	Parmer
Coleman	Pecos
Comanche	Potter
Concho	Presidio
Crane	Reagan
Crockett	Real
Culberson	Reeves
Dickens	Refugio
Dimmit	Runnels
Donley	Schleicher
Duval	Starr
Ector	Stephens
Edwards	Sutton
El Paso	Swisher
Floyd	Terrell
Foard	Throckmorton
Frio	Upton
Garza	Val Verde
Glasscock	Ward
Hidalgo	Wheeler
Hockley	Willacy
Howard	Winkler
Hutchinson	Wise
Jeff Davis	Zapata
Jim Hogg	Zavala

DISCLAIMER

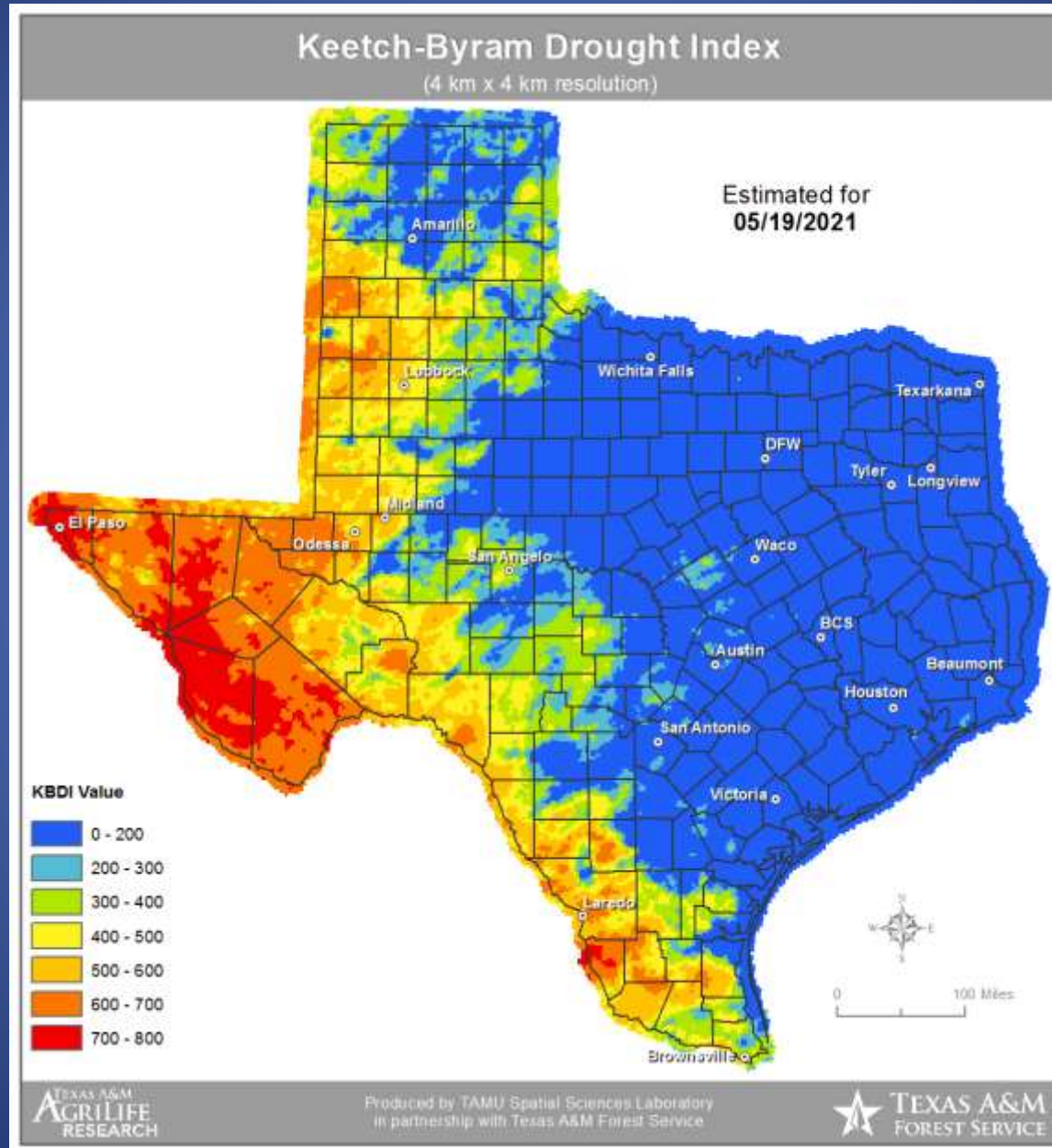
County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: www.weather.gov

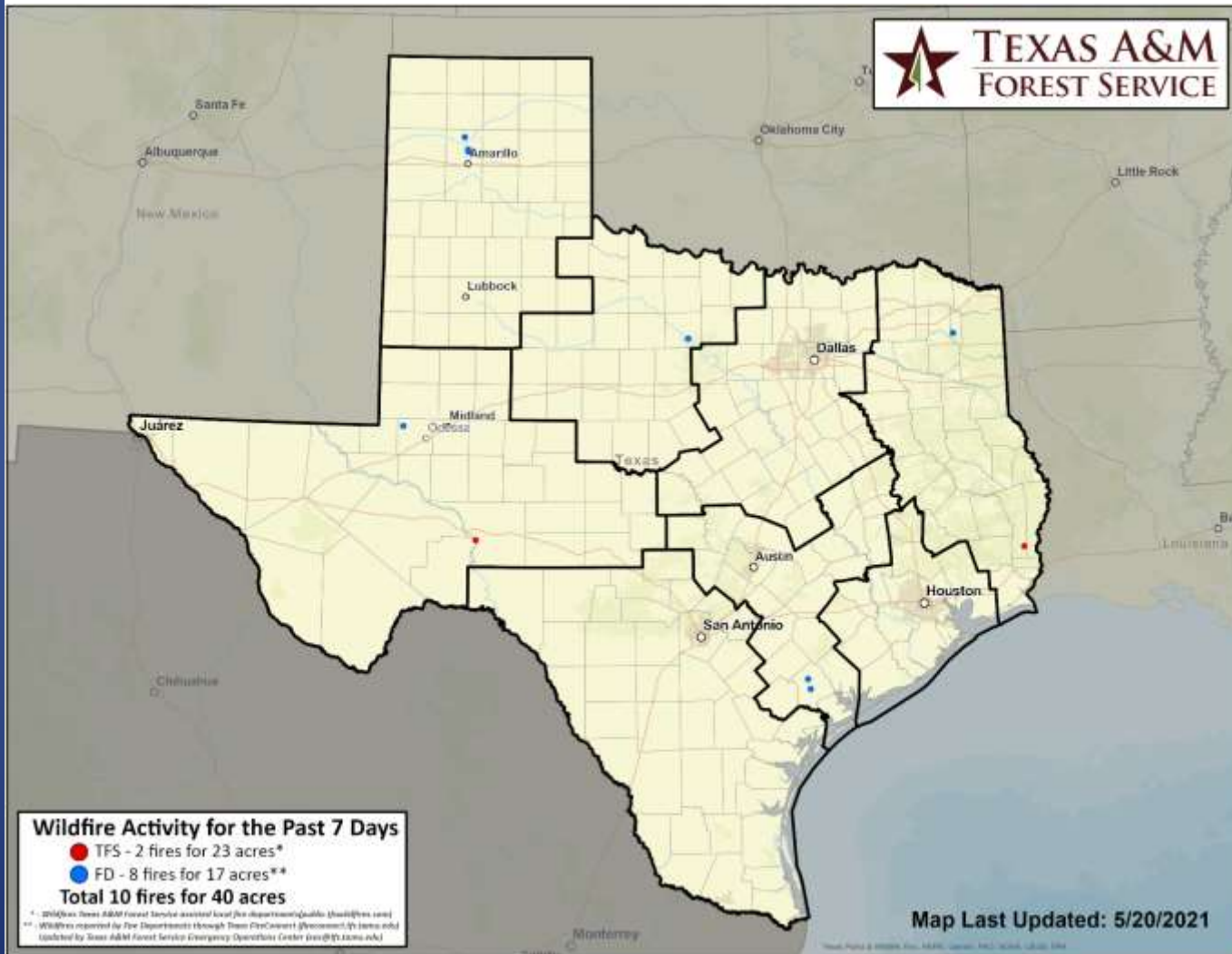
Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index



Fire Activity (*Last 24 Hours)

Reports of 226 (no change) fires and 37,555 (no change) acres have been destroyed this year. There are 74 (-1) counties with burn bans. The Keetch-Byram Drought Index list 41 (-5) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
05/17/21	05/21/21	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certification)	H-503	Pampa
05/20/21	05/21/21	Advanced Incident Command System, Command and General Staff	G-400	Florence
05/20/21	05/21/21	Advanced Incident Command System, Command and General Staff	G-400	Bay City
05/20/21	06/03/21	Intermediate Incident Command System for Expanding Incidents	G-300	Bryan

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
05/18/21	05/20/21	FEMA/Virtual	VTTX: Dam Failure

Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature
05/18/21	05/23/21	Arlington	MLB: 2021 Texas Rangers